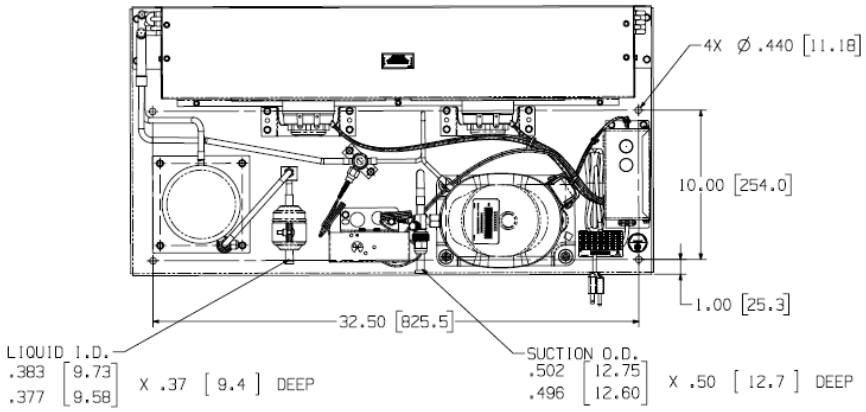
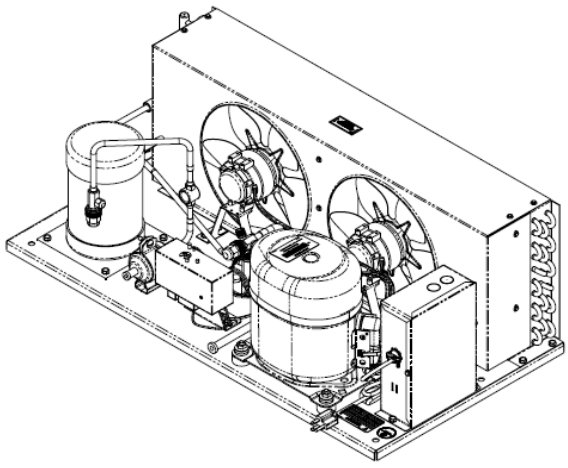
October 4, 2012

Tecumseh Compressor Company
Indoor Condensing Units

Model: AKA9473ZXAXC **BoM: 2B1177-1** **R-404A** **0.92 HP** **AIRCOOLED**





Model	Dimensions, inches				Line Connection*		Pumpdown	Air	Oil Ch	Gr. Wt.
	L	W	H	CH	Suction	Liquid	90 °F 90%	SCFM	Oz.	Lbs.
AKA9473ZXAXC	35.0	18.0	12.0	10.15	1/2" S	3/8" S	7.30 lbs	800	38.5	---
* F = Flare, S = Solder, RF or RS = Rotolock with Flare or Solder Connections, C = Compression Fitting										

		Ambient Temperatures											
Evaporator T		80°F			90°F			100°F			110°F		
°F	PSIG	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T
-10	23.2	4323	993	89	3532	1008	100	3027	987	109	1633	949	116
-5	28.1	4814	1040	91	4025	1059	101	3476	1049	110	2190	1021	118
0	32.8	5370	1090	92	4574	1113	102	3977	1113	112	2780	1095	119
5	37.9	5989	1142	93	5181	1169	104	4529	1179	113	3404	1170	121
10	43.3	6673	1197	95	5845	1228	105	5132	1248	114	4060	1248	123
15	49.1	7421	1254	97	6566	1290	106	5786	1319	116	4750	1328	124
20	55.5	8234	1313	99	7344	1354	108	6492	1392	117	5473	1409	126
25	62.2	9110	1376	100	8179	1421	110	7249	1468	119	6228	1492	128
30	69.5	10052	1440	102	9071	1491	111	8056	1546	120	7017	1577	130
35	77.2	11057	1507	104	10021	1563	113	8916	1626	122	7839	1665	131
40	85.5	12127	1576	107	11027	1638	115	9826	1708	124	8693	1754	133
45	94.3	13261	1648	109	12090	1715	117	10787	1793	126	9581	1844	135

60 Hz Performance

Return gas temp. 40°F Evaporator Temp. 20°F or less, 5°F sub-cooling
Return gas temp. 65°F for Evaporator Temp. > 20°F, 5°F sub-cooling

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Specifications/ Parts:

Model	AKA9473ZXAXC
Unit Bill of Material	2B1177-1
Nominal Volts-Hz-Ph	115-60-1
Refrigeration Range	-10° to 45°F
Design Pressure Low	181
Design Pressure High	450
Voltage Range	103 to 127
Min. Circuit Ampacity	15.9
Max. Fuse Size (amps)	25
Compressor Model	AKA9462ZXA
Comp. Bill of Material	AK172AT-038-P2
Compressor RLA/LRA	12.1 / 68
Overload	8300CRTK51
Relay	820ARR3D10
Run Capacitor	85PR370F20
Run Capacitor Rating	25MFD 370V(M) VDE
Start Capacitor	85PS250C30
Start Capacitor Rating	72-88 MFD 250V VDE
Contactor	N/A
Unit Drawing	DGU1909-121
Wiring Diagram	91267-01

Fan Motor	810-10007 (2)
Fan Motor RLA	0.4 Each
Fan Blade	515-10004 (2)
Fan Guard	570-10000 (2)
Fan Shroud	707-10000
Dual Pressure Control	14955206
Condenser	506-10005
Receiver Tank with Valve	510-10003
Liquid Filter	70081
Sight Glass	70084
Suction Valve	31582-1
Rotolock Valve Gasket	30233
Discharge Valve	56630-A
Suction Filter *	N/A
Accumulator *	N/A
Crankcase Heater	N/A
Defrost Timer *	N/A
* = Equipped Units Only	

Electrical Diagram